



One Technology Drive/ P.O. Box 188 /Rogers, CT 06263-0188 / 860.774.9605

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: PORON® Medical 4708 Urethane
CHEMICAL FAMILY: Urethane Polymer
HMIS RATING: H 0 F 1 R 0
USE OF MATERIAL: Padding
DATE ISSUED: May 29, 2009
EMERGENCY PHONE: 860-774-9605 (Monday – Friday 8 a.m. – 5 p.m. EST)
CHEMTREC: 800-424-9300 (U.S. & Canada) (24 Hours)
703-527-3887 (International – Call Collect) (24 Hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>	<u>EU Classification</u>
Alumina Trihydrate (Bound in Polymer Matrix)	21645-51-2	244-492-7	< 20	15mg/m ³ (Total Dust)	10mg/m ³ (As AL)	NA	NC according to 67/548/EEC
Titanium Dioxide	13463-67-7	236-675-5	< 10	15 mg/m ³	10 mg/m ³	8 mg/m ³	NC according to 67/548/EEC

This material is produced as an "article" as defined in 20 CFR 1910.1200 and is therefore exempt from the Hazard Communication Standard. Since this material does not release and will not result in exposure to a hazardous chemical under normal conditions of use, no Material Data Sheet is required. This form is provided as a convenience to our customers.

The material contains no other hazardous ingredients as defined in OSHA's Hazard Communication Standard 29 CFR 1910.1200 or EU directive 1999/45/EC, and do not present a health or environmental hazard according to directive 67/548/EC.

3. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: NA
LABELING REQUIREMENTS: NA
EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Cutting and other finishing operations may create polyurethane dust. Ventilation and personal protection should be similar to all operations generating nuisance dust.
INHALATION: Dusts may cause respiratory irritation.
EYE CONTACT: Dusts may cause irritation.
SKIN CONTACT: Dusts may cause irritation.
INGESTION: None known.
CHRONIC: None known.

4. FIRST-AID MEASURES

INHALATION:	Remove to fresh air and seek medical attention if necessary.
EYE CONTACT:	Flush eyes with large amounts of water for 15 to 20 minutes and seek medical attention if irritation persists.
SKIN CONTACT:	Wash contacted areas thoroughly with soap and water.
INGESTION:	NA

5. FIRE-FIGHTING MEASURES

FLASH POINT:	NA	Flammable Limits:	LEL	<u>NE</u>	UEL	<u>NE</u>
AUTOIGNITION TEMPERATURE:	NA					
EXTINGUISHING MEDIA:	<u> X </u> Water Spray	<u> X </u> Foam	<u> X </u> CO ₂			
	<u> X </u> Dry Chemical	<u> </u> Other –				
SPECIAL FIRE FIGHTING PROCEDURES:	Decomposition in a fire may produce toxic fumes. Firefighters should be equipped with self-contained breathing apparatus.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Polyurethane materials may generate dense smoke in a fire.					

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	None needed.
ENVIRONMENTAL PRECAUTIONS:	None needed.
CLEANING METHODS:	Normal clean up. Avoid creation of nuisance dust.

7. HANDLING AND STORAGE

HANDLING:	Hot wire cutting operations should be exhausted to prevent exposure to irritating vapors.
STORAGE:	Cool dry area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION:

VENTILATION

LOCAL:	Recommended in cutting/finishing operations or hot wire cutting operation.
GENERAL:	Recommended as with all industrial operations.

PERSONAL PROTECTION

HAND:	Gloves to avoid skin contact if desired.
EYE:	Safety glasses are recommended with all industrial operations.
SKIN:	None required.
OTHER:	NA

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Cellular Urethane Foam Roll or Sheet (Various Colors Available)
ODOR:	Slight, Characteristic
PHYSICAL STATE:	Solid
BOILING POINT:	NA
MELTING POINT:	NE
FREEZING POINT:	NE
FLASH POINT:	NA
WATER SOLUBILITY:	None
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	0.2-0.53 (Water = 1)
PARTITION COEFFICIENT:	NA
EVAPORATION RATE:	NA
RELATIVE DENSITY:	NA
VISCOSITY:	NA
AUTO-IGNITION TEMPERATURE:	NA
DECOMPOSITION TEMPERATURE:	NA
PH:	NA
FLAMMABILITY:	NA

10. STABILITY AND REACTIVITY

STABLE UNSTABLE

MATERIALS TO AVOID: NE
HAZARDOUS POLYMERIZATION: May Occur Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, oxides of nitrogen, HCN, and traces of incompletely burned carbon compounds.

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: NA

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES AFFECTING DISPOSAL: None
ENVIRONMENTAL TOXICITY DATA: NA
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

14. TRANSPORT INFORMATION

UN NUMBER: Not Regulated
UN PROPER SHIPPING NAME: Not Regulated
HAZARD CLASS (ES): Not Regulated
PACKING GROUP: Not Regulated
ENVIRONMENTAL HAZARDS: Not Regulated

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:

Canadian (DSL/NDSL): NE
Australian (ACIS): NE
Korea (KECI): NE
Japan (ENCS, MITI): NE
China (SEPA): NE
EU Directive 2002/95/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.

European:

Symbol: Not classified according to directive 67/548/EEC (dangerous substances) and 1999/45/EC (dangerous preparations)

R-Phase(s):

S-Phase(s):

TSCA

(Toxic Substances Control Act):

All ingredients are TSCA listed.

CERCLA

(Comprehensive Emergency Response, Compensation, and Liability Act):

NA

SARA TITLE III

(Superfund Amendments and Reauthorization Act):

NA

311/312 HAZARD CATEGORIES:

None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CAS #
NA

CHEMICAL NAME
NA

PERCENT BY WEIGHT
NA

16. OTHER INFORMATION

NA = Not Applicable
NE = Not Established
NC = Not Classified

FILE: PORON Medical Urethanes.doc
99100

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REVIEWED BY: Michal Werbecki

Date Prepared: May 29, 2009

REVISION ITEMS & DATE:

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